

**AMENDMENTS TO THE ABSTRACT**

Please replace the PCT abstract by the following abstract:

This system for assisting the regeneration of depollution means associated with oxidation catalyst-forming means implementing an OSC function, constituting a supply of oxygen and integrated in an exhaust line of a motor vehicle diesel engine, in which the engine is associated with common rail means for feeding its cylinders with fuel, comprises means for analyzing the running conditions of the vehicle and for comparing them with predetermined threshold values, to control the engine in a first regeneration mode of operation with a lean mixture when running conditions are above the threshold values, or in a second regeneration operating mode implementing sequences in which engine operation alternates between stages of rich mixture operation and of lean mixture operation when conditions are below the threshold values.